



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

Report Nos.: 50-424/85-22 and 50-425/85-22

Licensee: Georgia Power Company
P. O. Box 4545
Atlanta, GA 30302

Docket Nos.: 50-424 and 50-425

License Nos.: CPPR-108 and CPPR-109

Facility Name: Vogtle 1 and 2

Inspection Conducted: June 3-7, 1985

Inspector:

S. J. Vias

6-19-85

Date Signed

Approved by:

J. J. Blake, Section Chief
Engineering Branch
Division of Reactor Safety

6/20/85

Date Signed

SUMMARY

Scope: This routine, unannounced inspection entailed 36 inspector-hours on site in the areas of inspection of seismic analysis for as built safety-related piping systems, pipe supports, baseplate designs using concrete expansion anchor bolts, heating, ventilating, and air conditioning (HVAC) supports, inspector followup items and other licensee identified items.

Results: No violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *E. D. Groover, Quality Assurance Site Manager-Construction
- *G. A. McCarley, Project Compliance Coordinator
- *A. J. Spencer, Senior Quality Assurance Field Representative
- *B. C. Harbin, Manager Quality Control
- *D. M. Fiquett, Project Construction Manager-Unit 2
- *D. C. Daniels, Assistant Quality Control Manager
- D. McCary, Civil Engineering Supervisor
- R. Folker, Project Quality Assurance Engineer

Other licensee employees contacted included construction craftsmen, engineers, and office personnel.

Other Organizations

- *J. W. Carson, Quality Assurance, Bechtel Power Corporation
- *D. R. Murphy, Construction Engineer, Oglethorpe Power Corporation

NRC Resident Inspectors

- W. F. Sanders
- J. F. Rogge
- *R. J. Schepens

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on June 7, 1985, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection finding listed below. The licensee acknowledged the inspection with no dissenting comments.

Inspector Followup Item 50-424, 425/85-22-01, "Reinspection and Evaluation of Rock Bolt Installations", (Paragraph 3c).

The licensee did identify as proprietary material various documents for review by the inspector during this inspection, but no proprietary information is contained in this report.

3. Licensee Action on Previous Enforcement Matters

- a. (Closed) Unresolved Item (URI) 50-424, 425/85-06-01, "Incorrect Welding Procedure of Small Bore Straps to Filler Plates." The inspector held discussions with responsible licensee representatives and reviewed supporting documentation to verify that the unresolved items identified in Inspection Report 50-424, 425/85-06 have been addressed. The licensee has revised Specification No. X4AZ01, Division P-5, Figure 5.6.4-12 and Pullman Power Products (PPP), Document No. 1X-50, Attachment 24A, Page 1/2, to clarify the method for determining the weld size for the connection of pipe straps to filler plates.
- b. (Closed) URI 50-424, 425/85-06-02, "Unclear Procedures for the use of Filler Plates." The inspector held discussions with responsible licensee representatives and reviewed supporting documentation to verify that the unresolved items identified in Inspection Report 50-424, 425/85-06 have been addressed. The licensee has revised Specification No. X4AZ01, Division P-5, Figure 5.6.4-9, by adding a note indicating the correct condition for the use of filler plates.
- c. (Closed) Violation 424, 425/84-36-04, "Control and Installation of Rock Bolts". The inspector held discussions with responsible licensee representatives and reviewed supporting documentation to verify that the Violation identified in Inspection Report 50-424, 425/84-36 has been addressed. The licensee has revised PPP Document IX-1, Section 7.7.1, which controls the installation of rock bolts and Procedure GD-T-26, Section 7.1.15 which provides instruction for installation of rock bolts to other contractors. The licensee has also held training to inform the inspectors in the proper methods for installation of rock bolts covered by the revised procedures. Georgia Power Company and Pullman Power Products (PPP) have conducted a reinspection of all rock bolt installations and identified the installations that were installed incorrectly without the washers as required by the manufacturer. These installations are being reviewed and corrected by deviation reports issued by PPP. This reinspection and review will be evaluated during future inspections and is identified by Inspector Followup Item 50-424, 425/85-22-01, "Reinspection and Evaluation of Rock Bolt Installations".

4. Unresolved Items

Unresolved items were not identified during the inspection.

5. Independent Inspection Effort

Construction Progress

The inspector conducted a general inspection to observe construction progress and construction activities such as pipe support installation, HVAC supports, support modifications, material handling and control, housekeeping and storage.

Within the areas examined no violations or deviations were identified.

6. Licensee Identified Items

- a. (Closed) Item 50-424, 425/85-34, "Main Feedwater Pipe Supports, Unverified Computer Code " (10 CFR 50.55(e)).

The final report was submitted on March 7, 1984. After the initial notification and prior to this inspection the licensee stated that this condition was not considered significant and thus not reportable. This inspector reviewed and inspected the applicable deficiency reports and evaluations. Based on the above review and inspection, this inspector concurs that the item is not reportable.

- b. (Closed) Item 50-424, 425/83-39, "Pipe Support Design Calculations" (10 CFR 50.55(e)).

The final report was submitted on March 26, 1984. After the initial notification and prior to this inspection the licensee stated that this condition was not considered significant and thus not reportable. This inspector reviewed and inspected the applicable deficiency reports, evaluations and a representative sample of the items in question. Based on the above review and inspection, this inspector concurs that the item is not reportable.

- c. (Closed) Item 50-424, 425/84-55, "HVAC Duct Support Weld Discrepancies." (10 CFR 50.55(e)).

The final report was submitted on October 26, 1984. After the initial notification and prior to this inspection the licensee stated that this condition was not considered significant and thus not reportable. This inspector reviewed and inspected the applicable deficiency reports, evaluations and a representative sample of the items in question. Based on the above review and inspection, this inspector concurs that the item is not reportable.

7. Inspector Followup Item (IFI)

- a. (Closed) IFI 50-424, 425/84-36-08, "Documentation of As-Built Configuration in P/K-F Installations." The inspector held discussions with responsible licensee representatives and reviewed supporting documentation to verify that the IFI identified in Inspection report 50-424, 425/84-36 has been addressed. It should be noted that the P/K-F Drawing should be No. DS-108A131 not No. DS-108A119 as indicated in the Inspector Followup Item. The review showed that the proper supports have been installed correctly as shown on Drawing No. DS-108A131.

- b. (Closed) IFI 50-424, 425/84-36-01, "Control of Welding Across Flanges of Load Bearing Beams." The inspector held discussions with responsible licensee representatives and reviewed supporting documentation to verify that the IFI identified in Inspection Report 50-424, 425/84-36 has been addressed. The licensee has revised Drawing No. AX2D94V002 to clarify the notes for the restriction of field welding across the flange of miscellaneous and structural steel beams.